

What is claimed is:

1. A light guide plate comprising:

an emission face provided by a major face;

a back face opposite with said emission face; and

a plurality of end faces for introducing light, the end faces including a first end face extending in a first direction and a second end face extending in a second direction which is generally perpendicular to said first direction,

wherein said back face is provided with a great number of projection-like micro-reflectors and a great number of ridge-like projections for direction conversion, each of said micro-reflectors having a pair of slopes which meet each other as to form a ridge that gets closer with an increasing distance from said first end face and extends in a direction generally perpendicular to said first direction, said great number of ridge-like projections extending in a direction generally parallel with said second direction.

2. A light guide plate in accordance with claim 1, wherein said micro-reflectors are shaped like quadrangle pyramids.

3. A light guide plate in accordance with claim 1 or 2, wherein each of said ridge-like projections has a pair of slopes extending in a direction generally parallel with said second direction, thereby uneven configurations being formed periodically and repeatedly along a direction generally perpendicular to said second direction.

4. A surface light source device comprising:

a light guide plate having an emission face provided by a major face, a

back face opposite with said emission face and a plurality of end faces for introducing light, and at least one primary light source for supplying light to said end faces, said end faces including a first end face extending in a first direction and a second end face extending in a second direction which is generally perpendicular to said first direction,

wherein said back face is provided with a great number of projection-like micro-reflectors and a great number of ridge-like projections for direction-conversion, each of said micro-reflectors having a pair of slopes which meet each other as to form a ridge that gets closer with an increasing distance from said first end face and extends in a direction generally perpendicular to said first direction, said great number of ridge-like projections extending in a direction generally parallel with said second direction.

5. A surface light source device in accordance with claim 4, wherein said micro-reflectors are shaped like quadrangle pyramids.

6. A surface light source device in accordance with claim 4 or 5, wherein each of said ridge-like projections has a pair of slopes extending in a direction generally parallel with said second direction, thereby uneven configurations being formed periodically and repeatedly along a direction generally perpendicular to said second direction.

7. A display including a liquid crystal display panel and a surface light source device for illumination said liquid crystal display panel, said surface light source device comprising:

a light guide plate having an emission face provided by a major face, a back face opposite with said emission face and a plurality of end faces for introducing light, and at least one primary light source for supplying light to said end faces, said end faces including a first end face extending in a

first direction and a second end face extending in a second direction which is generally perpendicular to said first direction,

wherein said back face is provided with a great number of projection-like micro-reflectors and a great number of ridge-like projections for direction-conversion. each of said micro-reflectors having a pair of slopes which meet each other as to form a ridge that gets closer with an increasing distance from said first end face and extends in a direction generally perpendicular to said first direction, said great number of ridge-like projections extending in a direction generally parallel with said second direction.

8. A display in accordance with claim 7, wherein said micro-reflectors are shaped like quadrangle pyramids.

9. A display in accordance with claim 7 or 8, wherein each of said ridge-like projections has a pair of slopes extending in a direction generally parallel with said second direction, thereby uneven configurations being formed periodically and repeatedly along a direction generally perpendicular to said second direction.